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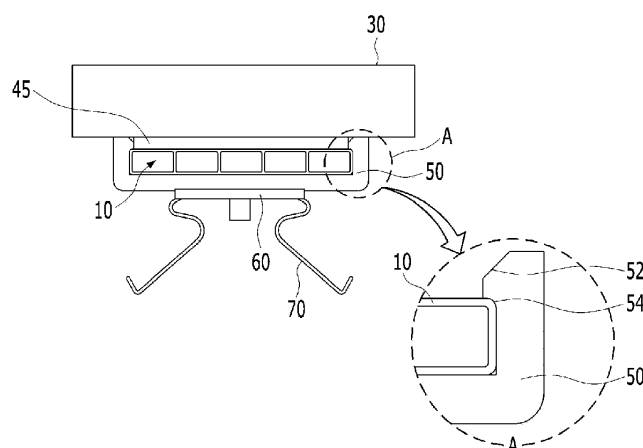
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(54) **BATTERY COOLING APPARATUS FOR ELECTRIC VEHICLE AND METHOD OF MANUFACTURING SAME**

(57) Disclosed are battery cooling apparatus for electric vehicle, method of manufacturing, and an insulator structure for the apparatus including an insulator having a side wall of the insulator define an upper open part, a tube inserted into the upper open part of the insulator, and a gap filler disposed in a space between an upper surface of the tube and the battery cell, wherein the side wall comprises an inner inclined surface inclined inward

and a tube accommodation part formed in an inner surface of the side wall to accommodate an outer part of the tube, and a gap filler application space is formed between the battery cell and the tube, when the tube is inserted between the tube accommodation part of the insulator and an inner bottom surface of the insulator, and a top of the side wall being located higher than the upper surface of the tube.

FIG. 2





EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 20 October 2022	Examiner Huber, Gerrit
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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